

OOTW Tools

Workshop on Planning &
Related Tools

OASD (SO/LIC), USPACOM,
JS/J-8

Agenda

- Introduction: setting the stage
- Data - Needs: presentations by CINCs
- Data - Tools: demos of pertinent tools
- Analysis: group problem solving
- Force Design Conclusion: initial synthesis
- Discussion of Next Issue: VIC?

Introduction

- Welcome
- Administrivia
- History of OOTW Tools projects
- Devil's Advocate
- Charge to workshop
 - Wrap up Force Design issue
 - Consider next issue

Dates EvenPurpose/Actions

Feb 1996 PACOM Workshop 1: Identify OOTW questions & process.

Sep 1996 PACOM Workshop 2: Identify OOTW analysis structure & requirements.

Jan 1997 MORS Workshop: Explore functional areas & surface potential methodologies & tools.

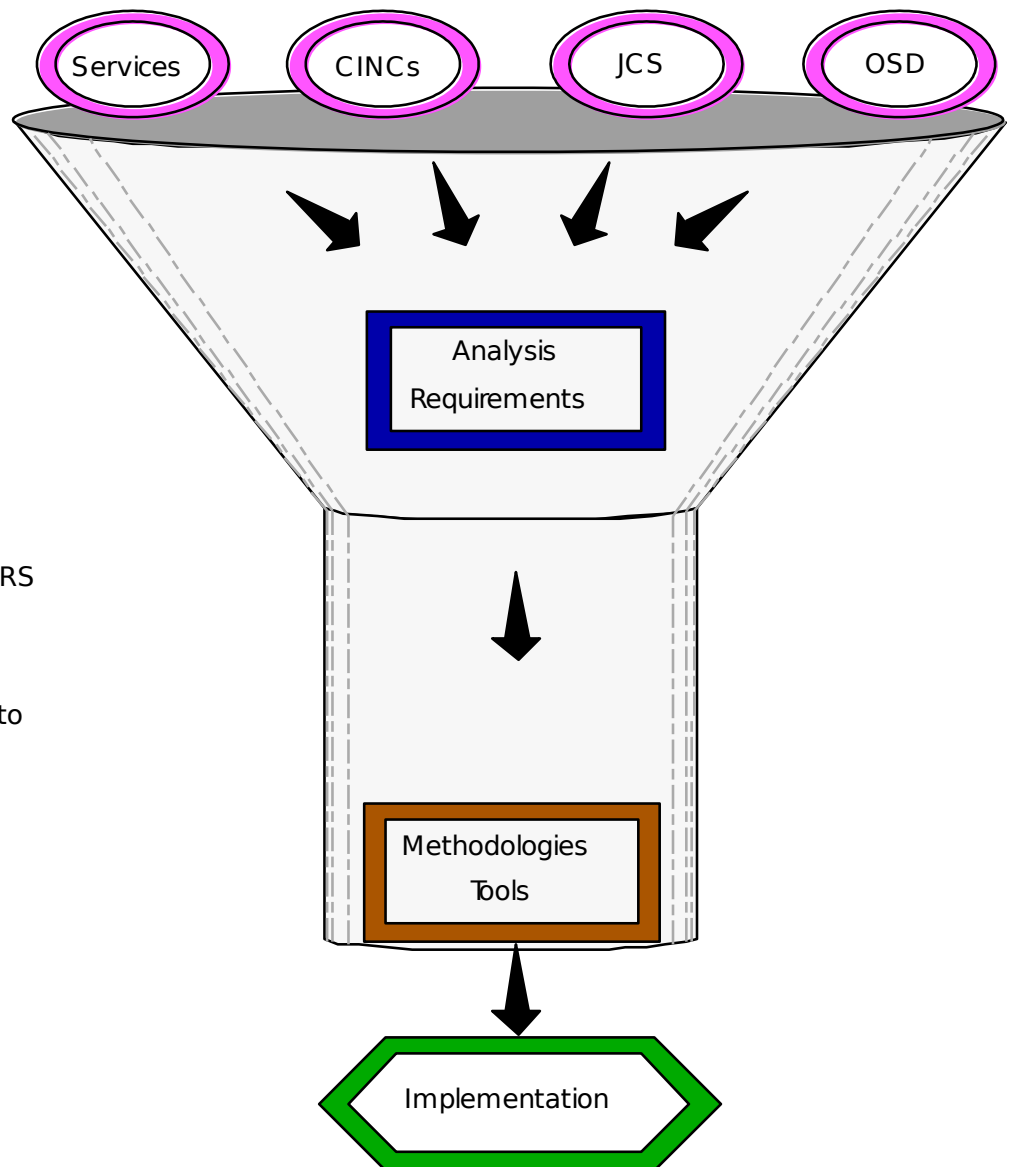
Apr 1997 OSD/J-8 Conference: Examine concept of JWARS coverage of OOTW functionality.

Jun 1997 MORS Symposium: Coalesce the movement to action.

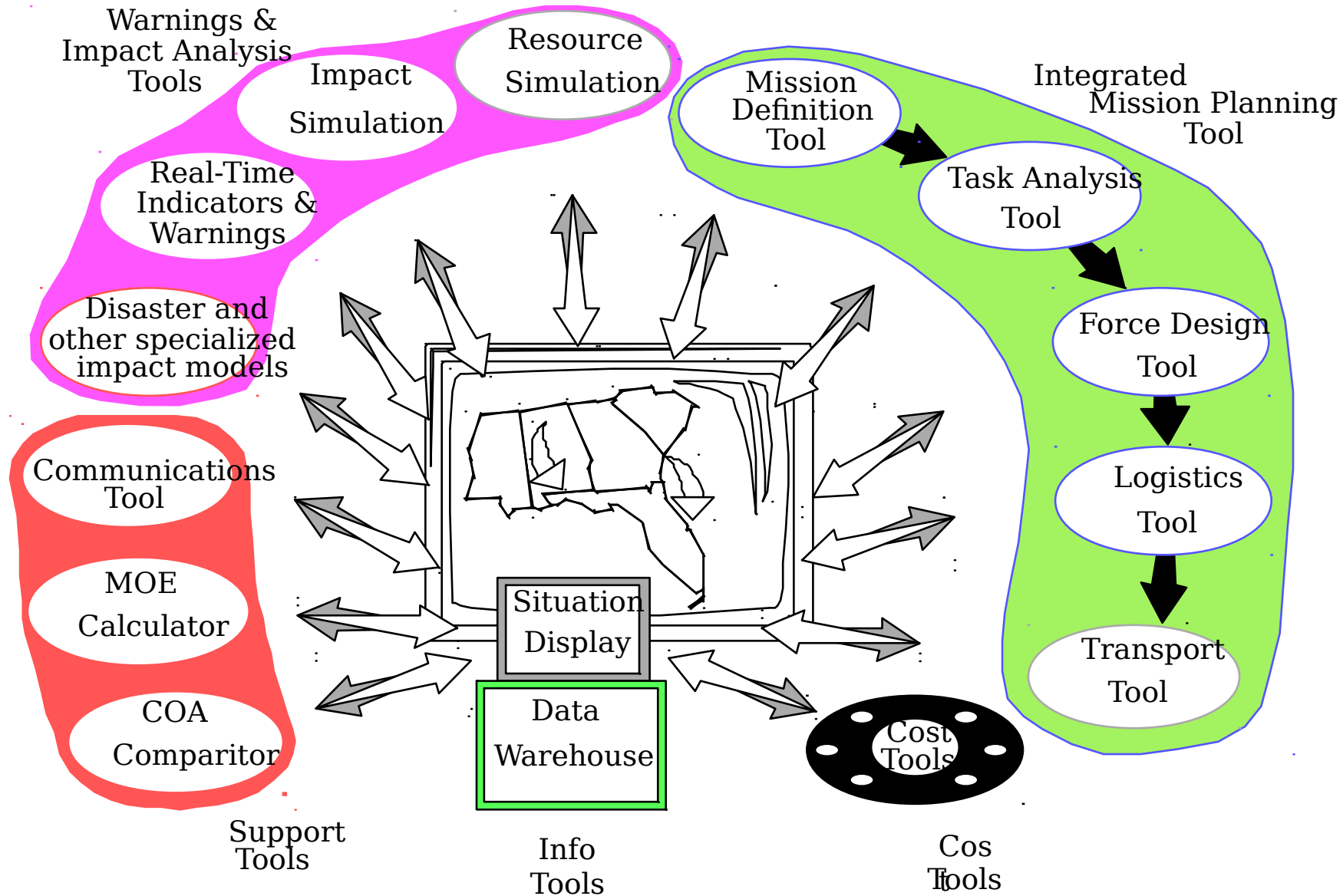
Sep-Nov 1997 OSD Study: Define OOTW/JWARS intersection.

Define methodologies/tools needed to support functional areas.

Recommend actions.



Needs Classification



Devil's Advocate

- OOTW Mission Planning Tools are not needed
- OOTW Mission Planning Tools are not needed for Crisis Action Planning
- OOTW Mission Planning Tools are not known to be needed by Crisis Action Planners & Operators

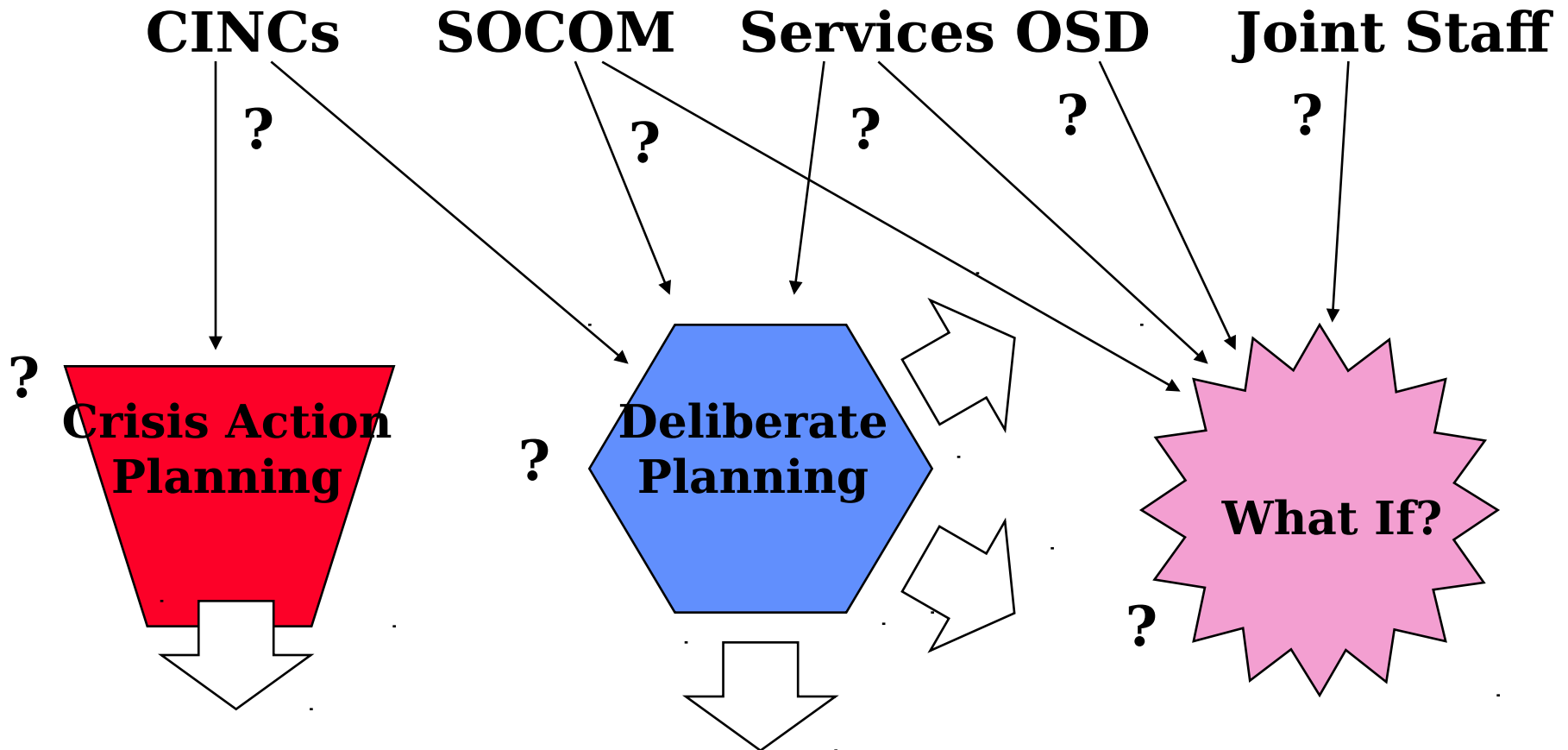
Possible Implications

- An overall OOTW Mission Planning Tool is not needed, but various “helpers” are needed
- What is needed is Data, not Tools
- OOTW Mission Planning Tools are only needed for Deliberate Planning, Force Assessment, System Effectiveness & Tradeoff, and Concept & Doctrine Development & Analysis

Or Maybe

- A tool, several “helpers,” and/or Data are needed
- Planners and Operators just don’t know what they are missing
- Analysts need to develop these items
- Analysts then have to educate Planners and Operators and sell them on the items

Who Needs What?



Data: Needs

- USACOM
- USCENTCOM
- USEUCOM
- USPACOM
- USSOCOM
- USSOUTHCOM

Data: Tools

- MRM/CAPS - Atwell
- OFP/FA&CT - Waters
- SENSE - Lidy
- SEASTATE - Free
- CarePlan - Campbell
- COST - IDA
- JEB - USACOM
- Other - Hartley

Data: Tools (1)

- GCMP flowchart
 - Keep track of what to do next, who to call
- SEASTATE
 - Dealing with ships as unit of measurement
- SENSE
 - multi-user system

Data: Tools (2)

- MRM/CAPS
 - MRM defines tasks
 - CAPS assigns notional units & computes coverage
- OFP/FA&CT
 - OFP defines generic missions & tasks
 - FA&CT assigns actual units & computes total personnel, short tons, cubic feet

Data: Tools (3)

- Kaiser-Permanente Dynamic Planning
 - built to permit real-time dynamic re-planning
- JEB
 - keeping track of logistics impacts
- COST
 - computes costs

Analysis

- Split into working groups
 - Force Design, Common Picture, Data?
- Is there a problem?
- What is the problem?
- What should we do about it?
 - actions to be taken
 - persons/organizations responsible/participating
 - timing, cost/funding

Working Group Questions

- What are the functional subdivisions?
- What are the requirements for each?
- If you have time:
 - Can any of the subdivisions be combined?
 - Should any of the remaining ones be connected?
 - Should there be connections to tools from other Working Groups?

Tool Definition

- One tool
- Several tools - designed in concert to match assumptions & support information exchange
- Several independently developed tools
- Combination of the above

Functional Subdivisions

- CINC: JTF J3; JTF J5; J5 doing Conops
- Service + SOCOM: doing Programming; doing QDR
- OSD, J8 & ACOM doing QDR
- J7 & ACOM doing training
- Services doing doctrine development
- SOCOM & ACOM doing joint experiments

Look For

- features/functions/points of view/user interfaces
- In any tool to do a job
- Tool to provide starting base
- Flaws
 - centrality of Service concept (SRC codes)
 - smallest unit (person, battalion, ship)
 - lacking Service (Coast Guard)
 - lacking other countries, host nation, NGO/PVO

Four Working Groups

- “Warfighter” Focus (CINCs)
- “Force Provider” Focus
(Services, SOCOM)
- “National” Focus (Joint Staff, OSD)
- “Alternative Views” (Out of the Box)

Warfighter Group

- Analyze the warfighter's requirements for force design tools
 - Who specifically would use force design tools at the CINC/JTF level?
 - What specifically would these people/organizations do with a force design tool? (develop a DPFDD, an ATO, etc.)
 - How would you as an analyst organize these force design tasks and functions? (logistics, force protection, etc.)
 - Who would use this analysis? (at, above or below the CINC/JTF level)
 - Is there a linkage between the kind of analysis done at the CINC/JTF level and that done at other levels? Where do requirements overlap?

Force Provider Group

- Analyze the force provider's requirements for force design tools
 - Who specifically would use force design tools at the Service/SOCOM level?
 - What specifically would these people/organizations do with a force design tool? (force structure development, force assessment, etc.)
 - How would you as an analyst organize these force design tasks and functions? (force adequacy, readiness, etc.)
 - Who would use this analysis? (at, above or below the Service/SOCOM level)
 - Is there a linkage between the kind of analysis done at the Service/SOCOM level and that done at other levels? Where do requirements overlap?

National Group

- Analyze the national/DoD requirements for force design tools
 - Who specifically would use force design tools at the national/DoD level?
 - What specifically would these people/organizations do with a force design tool? (programming assessment, readiness, etc.)
 - How would you as an analyst organize these force design tasks and functions? (adequacy models, readiness models, etc.)
 - Who would use this analysis? (at, above or below the national/DoD level)
 - Is there a linkage between the kind of analysis done at the national/DoD level and that done at other levels? Where do requirements overlap?

Alternative Views Group

- Your CINC has recently assigned you as the director of a task group charged with developing a new organization capable of doing force design for OOTW.
 - Who is in your new organization? (Is it a purely military organization-- or something else?)
 - Who does the organization respond to? (Who can task the organization?)
 - What training do your people have?
 - What are their responsibilities?
 - What tools do they have?
 - What is this organization's greatest challenge?
 - What hurdles must be overcome for this organization to come into being?

Force Design: Conclusion

- What was said?
- What was decided?
- Where we go from here?

Next Issue

- Virtual Information Center (VIC)?
- Impact & Course of Action Analysis?
- Other?